Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

09/652,968

Examiner José R. Díaz AGARWAL, VISHNU K. Art Unit

2815

Rejected Allowed

(Through numeral) Cancelled ÷ Restricted

Non-Elected N ı Interference

Appeal Α Q Objected

| Cli       | Claim                 |          | _        | _        |          | Da           | te             |              |          |          |
|-----------|-----------------------|----------|----------|----------|----------|--------------|----------------|--------------|----------|----------|
| Final     | Original              | 2/16/05  |          |          |          |              |                |              |          |          |
| -         | 1                     |          | -        | ✝        | t        | +            | t              | t            | ✝        | +        |
|           | 2                     |          | -        | ┢        | ╆        | +            | +-             | +            | +        | +        |
| -         | 3                     |          | -        | t        | $\vdash$ | t            | ╁              | +            | $^{+}$   | t        |
|           | 4                     |          | T        | Г        | $\vdash$ | ╈            | T              | $\vdash$     | T        | T        |
|           | 1<br>2<br>3<br>4<br>5 |          |          | Т        | 1        | T            | Т              | T            | T        | Т        |
|           | 6<br>7                |          |          | Т        | T        | Т            | Т              | T            | $\vdash$ | 1        |
|           |                       |          |          | T        |          | Τ            | Т              | Т            | Г        | Г        |
|           | 8                     |          |          |          |          |              |                |              | Γ        |          |
| <u> </u>  | 9                     | Ш        |          |          | L        |              |                | ┖            | L        | _        |
|           | 10                    |          |          | L        | _        | _            | _              | Ŀ            | _        |          |
| <u> </u>  | 11                    |          | _        | <u>_</u> | L        | ┡            | _              | <u> </u>     | ļ.,      | <u> </u> |
| -         | 12                    |          |          | ļ        | <u> </u> | ╄            | ⊢              | <u> </u>     | _        | _        |
| -         | 13                    | Н        |          | -        | -        | ⊢            | -              | <del> </del> | ⊢        | -        |
| -         | 14<br>15              | Н        |          | -        | H        | ⊢            | ⊢              | -            | ⊢        | $\vdash$ |
| -         | 16                    |          |          | ┝        | $\vdash$ | +            | ┝              | ╁            | $\vdash$ | $\vdash$ |
|           | 16<br>17              |          |          | $\vdash$ |          | ┢            | -              | $\vdash$     | $\vdash$ | ⊢        |
|           | 18                    | Н        |          |          |          | $\vdash$     | _              | Н            |          | $\vdash$ |
|           | 18<br>19              |          | ~        |          | $\vdash$ | r            | <del>  -</del> | H            | $\vdash$ | ┢        |
|           | 20                    |          | _        |          | Т        |              |                |              | 1        |          |
|           | 21<br>22              |          |          |          |          |              | Π              |              | Г        |          |
|           | 22                    |          |          |          |          |              |                |              |          |          |
| L         | 23                    |          |          |          | _        | _            | L              |              |          |          |
|           | 24                    | _        | _        |          | _        |              | L              | <u>L</u>     |          | Ш        |
| -         | 25                    |          | _        | _        |          | Ŀ            | -              | <u> </u>     | _        |          |
| $\vdash$  | 26<br>27              |          |          | _        | _        | H            | ⊬              |              | <u> </u> | _        |
| $\vdash$  | 28                    | $\dashv$ | -        |          |          | H            | ├-             |              | ┝        |          |
| $\vdash$  | 29                    | $\dashv$ | -        | _        |          | $\vdash$     | ⊢              | $\vdash$     | -        | -        |
|           | 30                    | $\dashv$ | -        | _        |          |              | -              | ⊢            | ├─       | -        |
|           | 31                    | $\dashv$ | -        | _        |          |              | ┢              | $\vdash$     | -        | Н        |
|           | 32                    | T        |          | _        |          |              |                | Н            | -        | Н        |
|           | 33                    | T        |          |          |          |              |                | Г            | _        |          |
|           | 34                    |          |          |          |          |              |                |              |          |          |
|           | 35                    | _        |          |          |          | L            |                |              |          |          |
| -         | 36                    | 4        |          | _        | _        |              |                |              |          |          |
| -         | 37                    | -        | -        | _        | _        | Ļ            |                |              |          | _        |
| $\vdash$  | 38<br>39              | $\dashv$ | $\dashv$ | -        | _        | H            | -              | -            | _        | -        |
| $\vdash$  | 40                    | $\dashv$ |          | -        | _        | ⊢            | Н              |              | -        | H        |
| $\vdash$  | 41                    | $\dashv$ | $\dashv$ | -        |          | ⊢            |                |              |          |          |
|           | 42                    | $\dashv$ | -        | -        | _        | <del> </del> | Н              |              | $\vdash$ | $\vdash$ |
| $\Box$    | 43                    | +        | ┪        | _        | _        | $\vdash$     |                | -            | Н        | $\vdash$ |
|           | 44                    | J        | ╗        |          |          |              |                |              |          | П        |
|           | 45                    |          |          |          |          |              |                |              |          |          |
|           | 46                    |          |          | _        | _        |              |                |              |          |          |
| $\square$ | 47                    | _        | _        | _        |          |              |                |              |          |          |
| -         | 48                    |          | 4        | _        | _        | _            | $\Box$         |              |          | Ш        |
| $\vdash$  | 49                    | $\dashv$ | 4        | 4        | _        |              | Щ              |              | _        | Ш        |
| ш         | 50                    | 1        |          |          |          | _            |                |              |          | Ш        |

| CI      | 尴        | Date     |   |          |          |          |  |               |          |          |
|---------|----------|----------|---|----------|----------|----------|--|---------------|----------|----------|
| Final   | Original | 2/16/05  |   |          |          |          |  |               |          |          |
|         | 51       | $\vdash$ | ┢ | t        | t        | +        | +-   | t             | t        | ╁        |
|         | 52       | 1        |   | T        | $\vdash$ | 1        | 1  | t             | T        | 1        |
|         | 53       | _        |   | T        | $\vdash$ | 1        | T  | T             | T        | T        |
|         | 54       |          |   | 1        | 1        | $\top$   |  | 1             | 1.       | 1        |
|         | l 55     |          |   |          | 1        | $\top$   | T  | $\vdash$      | 1        | T        |
|         | 56       |          |   |          |          |          | 1  | 1             | 1        |          |
|         | 56<br>57 |          |   | Г        | T        | Т        | Г  | 1             | $\top$   |          |
|         | 58       |          |   | Г        | Т        | Т        |  | 1             | T        | Т        |
|         | 59       |          |   |          | T        |          |  |               | T        | Г        |
|         | 60       |          |   |          |          | Г        | Г  |               |          | Π        |
|         | 61       |          |   |          |          |          |  |               | Γ        |          |
|         | 62       |          | _ |          |          |          |  |               |          |          |
|         | 63       |          |   |          |          |          | L  |               |          |          |
|         | 64       |          | _ |          |          | ┖        | _  | _             |          | L        |
|         | 65       | Ш        |   | ┖        | ┖        | ┺        | ╄  | _             | L        | L.       |
|         | 66       | Ш        | _ | ╙        |          | ↓_       | 1  | _             | _        | <u> </u> |
|         | 67       |          |   | _        | ┖        | ╙        | ↓_   | <u> </u>      |          | <u> </u> |
|         | 68       |          | _ | _        |          | 4        | 1  | ╙             | _        | 1_       |
|         | 69       |          |   | _        | ┡        | <u> </u> | <u> </u>   | _             | -        | ļ        |
|         | 70       | Ш        |   |          | <u> </u> | -        | <u> </u>   | ┡             | ļ.,      | ļ_       |
|         | 71       | -        |   | _        | <u> </u> | -        | ⊢  | $\vdash$      | ┞-       | _        |
|         | 72       |          | _ | -        | <u> </u> | ₩        | _  | ļ.,           | -        | ⊢        |
|         | 73       | $\vdash$ | _ | <u> </u> | <u> </u> | ⊢        | $\vdash$   | L             |          | <u> </u> |
|         | 74       | Н        |   | _        | ├-       | -        | -  | -             | ├        | -        |
|         | 75       |          |   | ┝        | ├        | -        | ╁  | $\vdash$      | ├-       |          |
|         | 76<br>77 | Н        |   | -        | H        | ⊢        | ├  | ├-            | ┝        |          |
| 1       | 78       | -        |   | -        | $\vdash$ | -        | -  | ├             | $\vdash$ | -        |
|         | 79       | -        |   | ├-       | $\vdash$ | -        | -  | -             | ⊢        | Ë        |
|         | 80       | -        |   | $\vdash$ | $\vdash$ | ┝        | ├-   | -             | $\vdash$ | ┝        |
|         | 81       |          |   | $\vdash$ | $\vdash$ | ⊢        | -  | $\vdash$      |          | ┝        |
| _       | 82       | H        |   | -        | $\vdash$ | -        | +-   |               |          | -        |
|         | 83       |          |   | -        | Н        | ┢╌       | ┢╾   | _             | $\vdash$ | ┝        |
| 2       | 84       | =        | - | _        | Н        | <u> </u> | _  |               |          | H        |
| _       | 85       |          |   |          | $\vdash$ | $\vdash$ | +-   | _             |          | -        |
| 3       | 86       | =        |   | _        |          | T        | <del>                                     </del> | $\vdash$      |          | $\vdash$ |
| 4       | 87       | =        |   |          |          |          | 1  | 1             |          | Н        |
|         | 88       |          |   |          |          |          |  | _             |          |          |
|         | 89       |          |   |          |          | _        |  | $\overline{}$ | Т        |          |
|         | 90       |          |   |          |          |          |  |               |          |          |
|         | 91       |          |   |          |          |          | Г  |               | _        |          |
|         | 92       |          |   |          |          |          |  |               |          |          |
|         | 93       |          |   |          |          |          |  |               |          |          |
|         | 94       |          |   |          |          |          |  |               |          |          |
|         | 95       |          |   |          |          |          |  |               |          |          |
|         | 96       | ┚        |   |          |          |          |  |               |          |          |
|         | 97       | $\Box$   |   |          |          |          |  |               |          |          |
|         | 98       | $\Box$   |   |          |          |          |  |               |          |          |
| $\perp$ | 99       |          |   |          |          | L        |  |               |          |          |
|         | 100      | Ī        | 1 | - 1      |          |          |  |               |          |          |

|     | Claim    |          | Date     |          |           |          |   |          |          |          |          |  |
|-----|----------|----------|----------|----------|-----------|----------|---|----------|----------|----------|----------|--|
|     | Final    | Original |          |          |           |          |   |          | Г        |          |          |  |
|     |          | _        |          |          | İ         |          |   |          |          |          |          |  |
|     | •        | 101      |          |          |           |          |   |          |          |          | Г        |  |
|     |          | 102      |          |          |           |          |   |          |          |          |          |  |
|     |          | 103      |          |          |           |          |   |          |          |          |          |  |
|     |          | 104      |          |          |           |          |   |          |          |          |          |  |
|     |          | 105      | L.       |          |           |          |   | L        |          |          |          |  |
|     |          | 106      |          |          |           |          |   |          |          |          |          |  |
|     |          | 107      |          |          |           |          |   |          |          |          |          |  |
|     |          | 108      |          |          | L         |          |   |          |          |          |          |  |
|     |          | 109      |          |          |           |          |   | _        |          | _        |          |  |
|     |          | 110      |          | _        |           | ,        |   | L        | L        | _        |          |  |
| -   |          | 111      |          |          |           |          | _ |          | L.       | _        | Ш        |  |
|     |          | 112      |          | _        |           |          |   |          | _        | _        | Ш        |  |
|     |          | 113      |          |          | _         | ľ        |   | <u> </u> | L        | _        | Ш        |  |
|     |          | 114      | _        | _        | L.        |          |   | L        | L        |          | Ш        |  |
| - 1 |          | 115      |          |          |           |          |   | <u>L</u> | <u>_</u> |          | Ц        |  |
| ļ   |          | 116      |          |          |           | L        | _ | L        | _        |          | Ш        |  |
| ļ   |          | 117      |          |          |           |          | _ | L_       | _        |          | Ш        |  |
| ļ   |          | 118      |          |          |           | _        | _ |          | _        |          | Щ        |  |
| - 1 |          | 119      | _        |          |           |          | _ | _        | ╙        |          | Щ        |  |
| - [ |          | 120      | _        | Ш        |           |          | _ |          |          | _        |          |  |
| -   |          | 121      |          | Ш        |           | _        | L | _        | L.       |          |          |  |
| - [ |          | 122      |          |          |           |          |   | _        | Ш        |          |          |  |
| -   |          | 123      |          |          |           | _        |   |          | _        |          |          |  |
| ŀ   |          | 124      |          |          |           |          |   | _        |          |          |          |  |
| -   |          | 125      |          |          |           |          |   | _        |          |          | Ш        |  |
| -   |          | 126      |          |          |           |          |   | L.,      |          |          | _        |  |
| -   |          | 127      | _        |          |           |          |   | <u> </u> |          |          | _        |  |
| ŀ   |          | 128      | _        |          | _         |          |   | <u> </u> | _        |          |          |  |
| - } |          | 129      | -        | -        |           | _        |   |          |          |          |          |  |
| ŀ   |          | 130      |          | _        |           |          |   |          |          |          | _        |  |
| ŀ   | •        | 131      | _        |          |           |          |   | _        |          |          | _        |  |
| ŀ   |          | 132      | -        | $\dashv$ | _         | ~~       |   |          | Н        |          | _        |  |
| ŀ   | -        | 133      | $\dashv$ | $\dashv$ |           |          |   | -        | Н        | -        |          |  |
| ŀ   |          | 135      | $\dashv$ | $\dashv$ | _         | -        |   |          |          | -        | $\dashv$ |  |
| ŀ   | -        | 136      | $\dashv$ | -        |           | -        |   |          | $\vdash$ | $\dashv$ | $\dashv$ |  |
| ŀ   |          | 137      | $\dashv$ | $\dashv$ | _         | -        |   | _        | -        |          | $\dashv$ |  |
| ŀ   | $\dashv$ | 138      | $\dashv$ | -        | -         | -        |   |          | $\vdash$ |          | $\dashv$ |  |
| ŀ   |          | 139      | $\dashv$ | $\dashv$ | -         | -        |   |          | $\vdash$ | $\dashv$ | $\dashv$ |  |
| ŀ   | -+       | 140      | -        | -        |           | $\neg$   |   | -        | Н        |          | $\dashv$ |  |
| ŀ   |          | 141      | -        | -        | -         | _        |   | -        | $\vdash$ |          |          |  |
| ŀ   | $\dashv$ | 142      | -        | $\dashv$ |           | -        |   |          | -        | -1       | $\dashv$ |  |
| ŀ   | -+       | 143      | $\dashv$ | $\dashv$ |           | -        |   |          | -        | -        | $\dashv$ |  |
| ŀ   | -        | 144      | $\dashv$ | $\dashv$ | $\exists$ | -        | - |          | $\vdash$ | $\dashv$ | $\dashv$ |  |
| ŀ   | -        | 145      | -        | $\dashv$ | $\neg$    | -        | - |          |          | -        | $\dashv$ |  |
| ŀ   | $\neg$   | 146      | -        | -        | $\dashv$  | -        | - |          | $\vdash$ | $\neg$   | $\dashv$ |  |
| ŀ   |          | 147      | -        | $\dashv$ | $\neg$    | -        | - |          | $\vdash$ |          | $\dashv$ |  |
| t   | $\neg$   | 148      | -        | $\dashv$ |           | -        |   |          | Н        | $\dashv$ | $\dashv$ |  |
| t   |          | 149      | $\neg$   |          |           | $\dashv$ | _ |          | $\vdash$ | ┪        | $\neg$   |  |
| ŀ   |          | 150      | $\dashv$ | 1        |           |          | - | -        |          | $\dashv$ | ᅱ        |  |
| _   |          |          |          | _        | _         |          |   | _        |          | _        |          |  |